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# The Tech

MIT Cambridge Massachusetts

Tuesday, November 16, 1982



Graphic by V. Michael Bove

## Faculty to debate CEP plan Wed.

By Tony Zamparutti

The faculty will discuss at its monthly meeting tomorrow a motion to endorse the faculty Committee on Educational Policy's (CEP) recommendations to change freshman year pass/no credit, which include instituting a formal system of hidden grades for the second semester.

The CEP plan would be a two-year experiment, to be reviewed in spring 1985. "While faculty rules allow such an experiment to be undertaken without faculty approval, the CEP feels that it is advisable to seek broad faculty endorsement" the committee stated Wednesday.

The CEP proposal would take effect immediately upon faculty approval.

The committee proposal, released in September, would replace freshman evaluation forms at the end of the spring term with hidden grades reported by instructors to the Registrar. The Undergraduate Academic Support Office (UASO) has already carried out part of the CEP plan, changing fall term evaluation forms to include a set of "checkboxes" for instructors to evaluate freshman performance.

An instructor would be required, under the proposed plan, to complete written evaluations of any freshmen earning a grade of D or F in the spring term.

Both the Undergraduate Association General Assembly (GA) and the Student Committee on Educational Policy (SCEP) voted to oppose the CEP plan. The GA proposed the check-box system extend to the spring term, rather than adding hidden grades, and recommended any changes take effect next fall, rather than immediately upon passage.

"The CEP feels that MIT's commitment to this year's class is to a Pass/No Credit system (i.e., having only 'P' grades permanently recorded on the external transcript), not to the particular form in which students receive performance evaluations," according to last week's CEP statement. "The CEP proposal is a small change from current practice, and there is no reason to delay its benefits."

"It is not objectionable to the CEP that this performance information is summarized in an internal grade at the end of a year in which other forms of more detailed evaluation have been given," the committee statement continued.

Hidden grades would be "im- (Please turn to page 2)

## MIT, city spar over Simplex land

By Buzz Moschetti

MIT will not choose a developer for the Simplex property until around February 1, rather than late fall as originally planned, according to Walter L. Milne, special Assistant to the President of Urban Relations.

The Institute has not yet selected a developer because of complications with the material each of the prospective real-estate developers must submit to the Institute, Milne said.

Cambridge officials and citizens continue to disagree with MIT over the use of the twenty-acre site, which the Institute purchased in 1970 from the Simplex Wire and Cable Company, but which has remained undeveloped.

The Simplex site is located just north of the Institute between Massachusetts Avenue and Oakline, Pacific, and Purring Streets.

MIT would like to see good producing, tax-producing, economically viable enterprises at the Simplex site," Milne

said. The Institute will choose the developer based on current trends real-estate development seem to follow, he said.

MIT last March called for proposals to develop the Simplex site, and five real-estate developers submitted preliminary proposals in May. MIT then asked three of the firms to submit more detailed proposals.

The Central Square Business Association and the Cambridgeport Village Association, as well as various individuals and storeowners in the area support the Institute's plan to rezone the Simplex site, Milne said.

Several Cambridge groups, however, are worried MIT might decide office buildings will provide the greatest return on its original investment in the property, which cost MIT approximately \$750,000 per acre in 1970.

The Simplex Steering Committee, a group of Cambridge residents from the residential areas near the Simplex site, want the site to have predominantly low and moderate income housing, light industry, small stores, and perhaps some park space, according to William Cavellini, the group's spokesman.

"We are looking for a diversity

of jobs, for the uneducated as well as the very educated," Cavellini said. "If MIT builds just offices, the former will most likely be excluded."

Development of the Simplex site will bring residents into Cambridge, he continued, and housing must be built to accommodate the influx of people. "The city is crowded as it is," Cavellini said, "and adding more jobs without more housing would only aggravate the problem."

The site is currently zoned only for industrial and office buildings. The committee wants to (Please turn to page 2)

## Harvard reviews sex policies

By John J. Ying

Following a Harvard freshman's accusation that a visiting professor gave her a low grade in a class last spring because she refused his sexual advances, the Harvard Faculty Council is formulating a sexual harassment policy for that university.

The freshman claimed she unfairly received a C in a poetry class after refusing sexual advances from its visiting professor, Derek Walcott, from Boston University.

Last month, the Administrative Board, Harvard College's disciplinary committee, changed her

grade from a C to a pass, reportedly the first time Harvard has changed a letter grade to a pass/fail grade because of possible sexual harassment.

Henry Rosovsky, Dean of the Harvard Faculty, wrote a personal letter to Boston University (Please turn to page 6)

## Shuttle launch: perfect

By Richard C. Waters and Barry S. Surman

CAPE CANAVERAL, Florida — The space shuttle Columbia rolled off into crystal-clear blue Thursday morning, treating observers here to a spectacular of a perfect takeoff and an unprecedented look at the separation of the solid rocket boosters from the shuttle.

mission control in Houston called yesterday's planned walk by mission specialists in Lenoir '61 and Joseph due to a malfunctioning fan in Allen's spacesuit, faulty pressure regulator in r suit.

National Aeronautics and Administration considered

extending Columbia's flight by a day to allow a rescheduled spacewalk, but ordered the shuttle to land today as planned at Edwards Air Force Base in California.

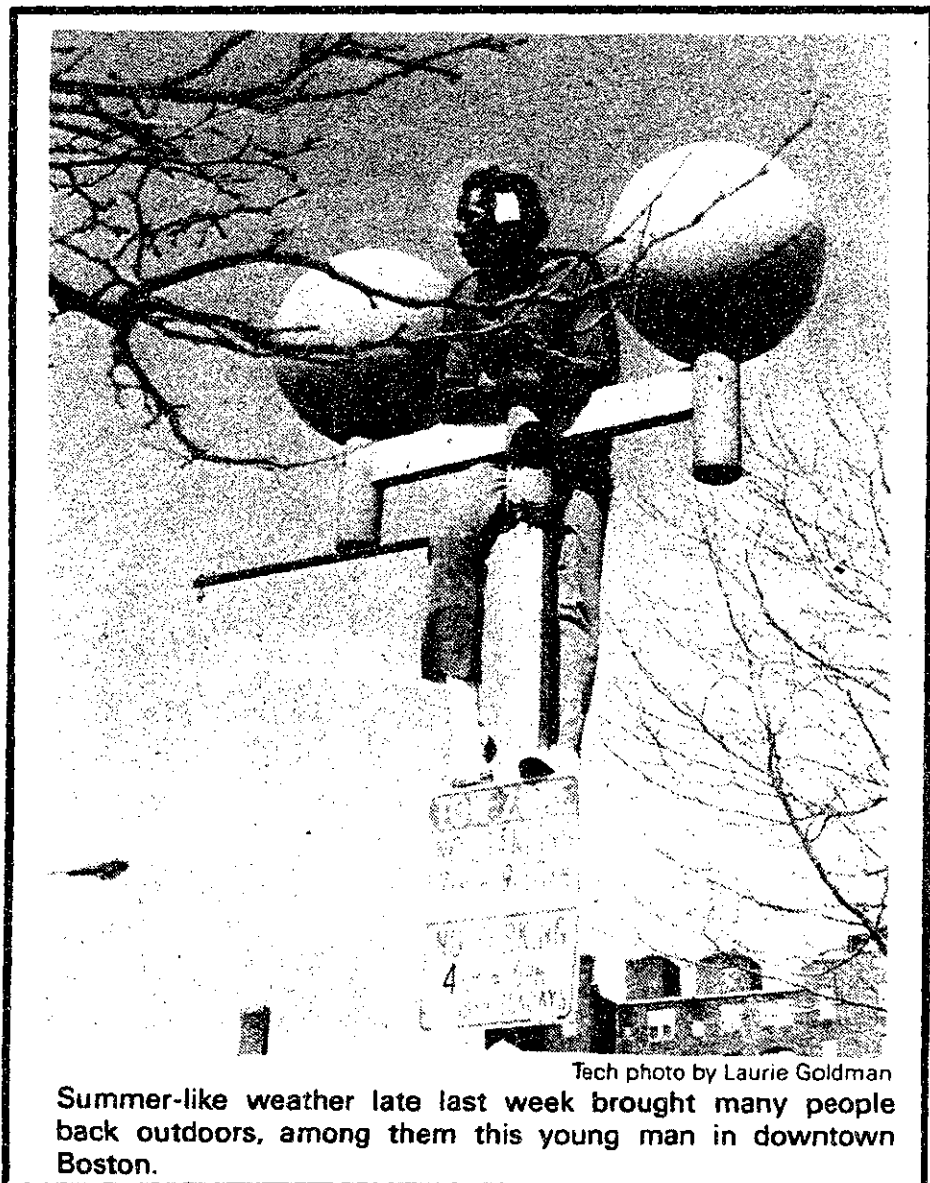
The mission specialists were to spend about three hours outside Columbia, testing their new two-piece space suits, several prototype tools designed for use in space, and the feasibility of fixing satellite components while in space. The spacewalk, or extravehicular activity (EVA), would have been the American space program's first since a 1974 excursion from Skylab.

A case of motion sickness earlier threatened his EVA, but Lenoir's condition has improved, NASA reported.

Columbia's fifth voyage into space marks its first operational mission: the shuttle carried two private communications satellites aloft and launched both successfully. The first, a digital communication satellite owned by Satellite Business Systems Inc., was ejected from Columbia's cargo bay Thursday afternoon and the second, owned by Telesat Canada, was launched Friday afternoon.

Lenoir and Allen launched the satellites, set in rotation by motors within the cargo bay, by releasing a spring to eject each satellite from its housing. A rocket attached to each satellite fired about 45 minutes after ejection to raise it from the shuttle's low altitude orbit to its final geosynchronous orbit.

Flight commander Vance Brand, a veteran of the joint Soviet-American Apollo-Soyuz mission, and pilot Robert Overmyer join Lenoir and Allen to form the largest crew — four astronauts — sent into space in a single spacecraft.



Tech photo by Laurie Goldman

Summer-like weather late last week brought many people back outdoors, among them this young man in downtown Boston.

### inside

latest on Joni Mitchell Steve Reich in the Arts on. Page 7.

Two MIT teams qualify for the NCAA championships. Page 12.

# MIT, city continue fight over Simplex

(Continued from page 1)  
change the zoning regulations to include areas for residential development. The Simplex Steering Committee has repeatedly but unsuccessfully petitioned the Cambridge City Council to change the area's zoning. The Committee submitted another petition to the Council November 4.

Unlike previous Simplex Steering Committee proposals, the latest petition would limit the percentage of office space per floor in any building. This provision would insure offices in a building within the Simplex area would be used for accessory purposes only, Cavellini said.

Several members of the City Council, including Mayor Alfred E. Vellucci, will oppose MIT's plans to develop the area should they call for more office space, according to Councilor David Sullivan '74.

"It's a legitimate demand for the residents to want more housing," Vellucci said. He said MIT felt "its obligation to the city was over" after the Institute built three senior citizens housing projects in Cambridge.

"[MIT President Paul E.] Gray and Milne should get off their high horse and work with the community," Vellucci said.

MIT, he said, has been "more interested in teaching people from all over the world rather than showing hospitality at home."

The City Council would like low and moderate income housing and industry at the Simplex site, according to Sullivan. The Cambridge Planning Board proposal calls for the housing to be located in a strip along Brookline Street, while the Simplex Steering Committee plan would allow housing throughout the area.

The Council is waiting to hear and vote on the current Simplex Steering Committee petition. "Hopefully, this year it will pass," Sullivan remarked.

Both Milne and Cavellini said a compromise between MIT and the city could be reached.

"We must work together," said Cavellini. "We'll be together in Cambridge for a long time." His attitude reflected that of Vellucci, who declared, "It is the job of both Cambridge and MIT to make the city better."

## Faculty to meet Wed.

(Continued from page 1)  
portant for a more gradual transition to the sophomore year, and may address concerns about overloading," the committee stated.

Only about half of the freshman evaluation forms required at the end of spring term are completed, according to Peggy Richardson, executive officer of the UASO. The hidden grade system would ensure "100 percent reporting to students and advisors of some evaluation information in all subjects," the CEP claimed.

Although faculty rules presently require instructors to initiate evaluation forms for freshman who do not submit them, they rarely do so.

"The faculty has failed in the primary form of evaluation," Professor Robert I. Hulsizer, Jr. PhD '48 declared at the October faculty meeting. "I think it is ridiculous to invent an internal grade sheet just because the faculty can't fill out the forms."

"Having rules and practice significantly out of line, as does the current spring-term [freshman evaluation] system, leads to cynicism and ultimately to ineffective evaluations," notes the CEP statement.

The faculty discussed the proposal at their October 20 meeting, but it did not come to a

vote. At that meeting, several faculty members questioned the CEP plan, and UA President Kenneth Segel '83 proposed the Registrar collect check-box evaluations, rather than hidden grades, at the end of the spring term.

The CEP discussed Segel's plan and proposals to improve the present evaluation system at two meetings subsequent to the October faculty meeting.

In the committee's vote to reaffirm its original proposal, the faculty members "voted on one side, I voted against it, and there were three abstentions," Steven E. Barber '84, one of four student members on the CEP, reported last month.

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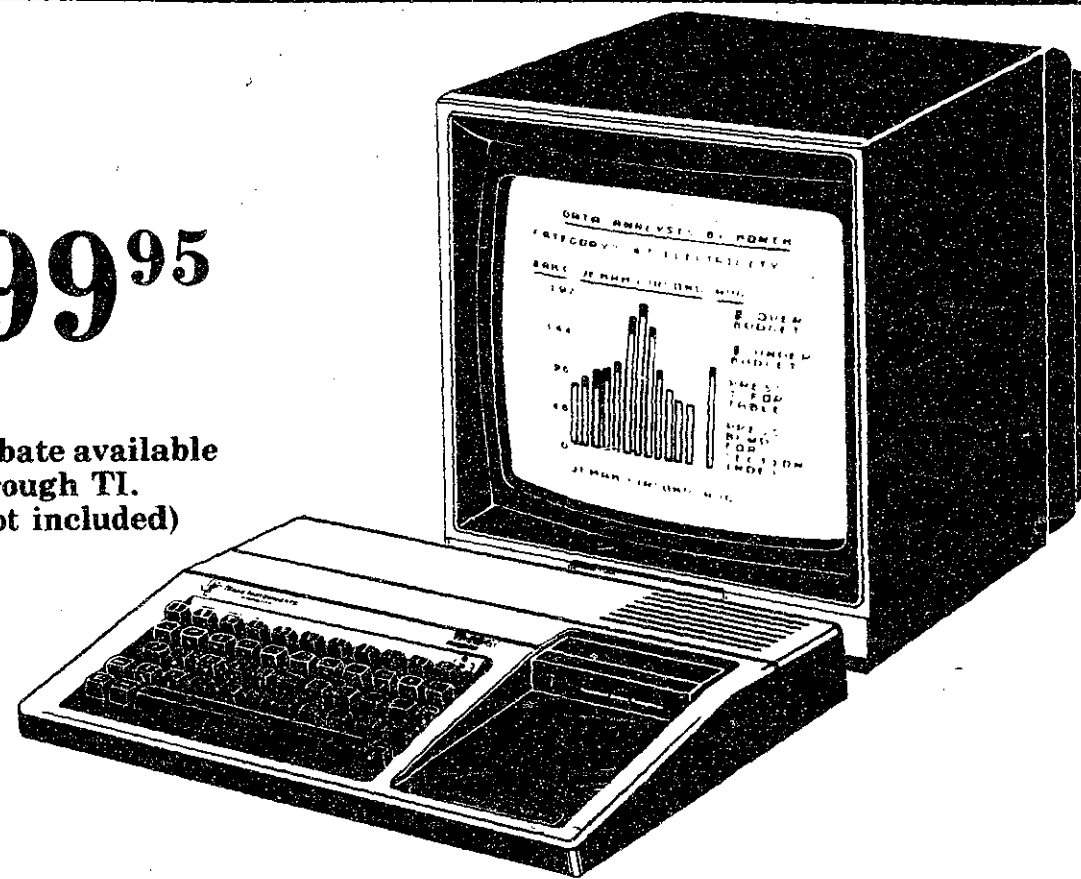
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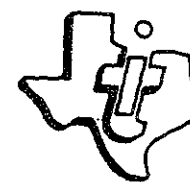
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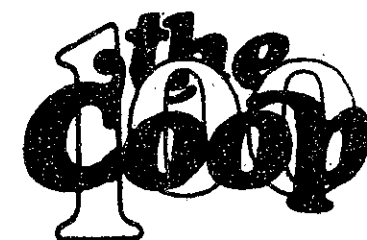
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# news roundup

## World

**Brezhnev buried** — Vice President George Bush and Secretary of State George P. Shultz attended Soviet leader Leonid Brezhnev's funeral yesterday. They had a private meeting in the Kremlin with Yuri Andropov, Brezhnev's successor, and Soviet Foreign Minister Andrei Gromyko. The meeting was officially described as "cordial and substantive." Among other dignitaries at the funeral were Chinese Foreign Minister Huang Hua, West German President Karl Carstens, and US Ambassador to the Soviet Union Arthur Hartman.

**Jaruzelski announces end to martial law** — Polish leader General Wojciech Jaruzelski announced yesterday he intended to end martial law in Poland in about two months. The announcement coincided with the release of Lech Walesa, leader of the outlawed Solidarity Union; Walesa returned Sunday night to his home in Gdansk, where he was greeted by hundreds of people chanting "Lech! Lech! No Solidarity without Lech!" Walesa told the crowd "I will assuredly speak out on all matters which interest us in the future" and added "I will be courageous but also prudent."

**Begin returns to Israel for his wife's funeral** — Israeli Prime Minister Menachem Begin returned to Israel to attend his wife's funeral, held yesterday. Begin cut short a 10-day visit to the United States. Aliza Begin, 62, died early Sunday of a cardiac arrest. Prime Minister Begin is not expected to continue his regular duties for at least another week.

## Nation

**Reagan meets with West German Prime Minister** — President Ronald Wilson Reagan met yesterday with West German Prime Minister Helmut Kohl. Reagan affirmed US commitments to West Germany and said the "western democracies must stand firmly together if our freedom and the peace of the world are to be preserved."

**Crackdown on US technology exports recommended** — A Senate subcommittee recommended Sunday the United States increase efforts to prevent the export of technology to the Soviet Union. The committee referred to CIA and Defense Department findings that the Soviets have become increasingly adept at obtaining US technology, and said that the Commerce Department was "institutionally incapable" of enforcing controls on technology export. The committee recommended US intelligence agencies determine which kinds of technology the Soviets need so export controls can be aimed at specific items.

## Sports

**Lightweight boxer near death** — Doctors reported yesterday that Suk Koo Kim, injured in a fight Friday, was nearly dead from the injuries he had received in a boxing match Saturday. Kim has no brain activity, the doctors said. The fighter was knocked out in the 14th round of a boxing match with World Boxing Association lightweight champion Ray (Boom Boom) Mancini.

Joel Gluck

## Weather

**Rain ends** — A high pressure system heralds clearer skies today and warmer temperatures later this week. Today will be mostly sunny, but mainly, with a high near 45 degrees. Clear tonight, with frost likely in much of the area as the mercury dips to 24 degrees in the suburbs and 20 degrees here in the city. Milder temperatures and partly sunny skies will prevail tomorrow and Thursday, with highs in the low to middle 40s.

Barry S. Surman

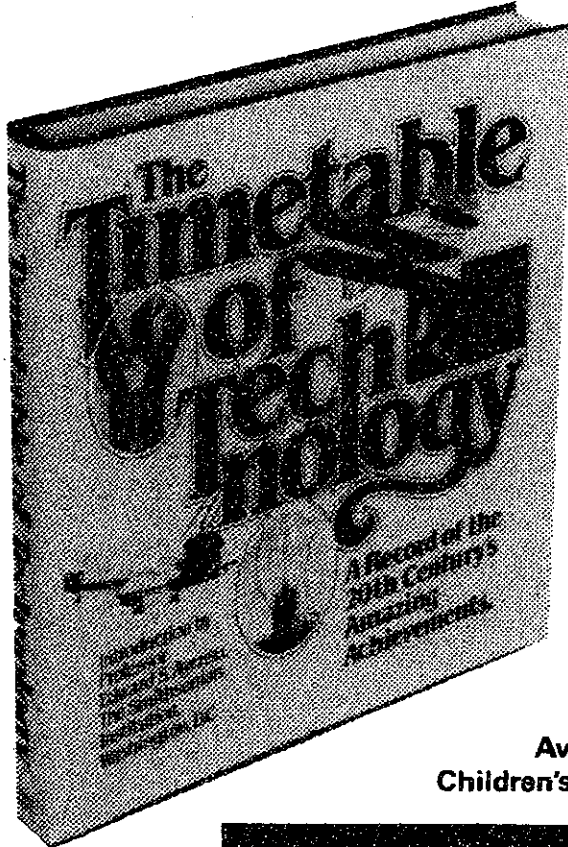
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The Compound borders on 1000 acre Trustum Pond National Wildlife Refuge. This refuge/sanctuary includes 160 acre Trustum Pond and a mile and a half of ocean beach — all of which will remain in nature forever. A resident manager, employed by the U.S. Fish and Wildlife Service, maintains the refuge. Trails have been built on the refuge leading to bird-watching stations at the edge of the pond and elsewhere. Quite apart from affording an opportunity to see scores of majestic white swan and other birds, this must be one of the most tranquil spots in the world. Having this refuge abutting is like having a 1,000 acre estate, but having to pay neither the taxes on it nor cost of management or upkeep. Restricted access means few people on the beach.

The deed to each homesite includes provision for part-ownership of an additional four acres of land fronting on both a beautiful private ocean beach and on Green Hill Pond. Application is being made to the appropriate authorities to build a small beach facility and parking area at the beach, and a dock and boat shed at the pond.

Land of the Compound not taken up by homesites is held in common by the eleven owners. This open land, when combined with open land of Land 'n Sea I, totals about thirty acres of wooded upland. Over a mile of trail, for jogging or nature walks, is being provided on this common land.

South Kingstown is a 45 minute drive from New London; 50 from Providence; 90 from Hartford. Seven trains daily to New York or Boston. A turn-of-the-century station in the village of Kingston (Home of the University of Rhode Island) is 20 minutes from Land 'n Sea. NYC is 3 hrs. 40 min. Jet airport is 40 min. drive.

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# opinion

## Editorial

### Faculty considers pass/fail tomorrow

The faculty is scheduled to act this Wednesday on the Committee on Educational Policy's proposal to restructure the freshman year pass/fail system. At last month's meeting, the faculty suspended discussion of the CEP proposal, and the committee reviewed its plan. Although the CEP reaffirmed its original proposal, they have not managed to marshal any more convincing arguments that dictate adopting their proposals. The proposed revisions to pass/fail have remained out of the public eye for the past month while the CEP reviewed its plan, yet students and faculty members should not forget the importance of this issue. It will probably be the most significant educational question to be decided at MIT during this entire academic year.

Pass/fail was originally implemented to decrease pressure during a student's first year at MIT and to provide more meaningful feedback to entering students on their performance. The current CEP proposal indicates that two laudable goals are being sacrificed in the interests of efficiency. Abandoning these two goals at this time, as the CEP has proposed, does a disservice to all freshmen and to the entire MIT community as well.

A memorandum the CEP circulated on November 10, outlines "several educational benefits" they claim will result from adoption of their recommendations. The CEP asserts, "By providing students with an unofficial report of their internal grades at the end of spring term, 100 percent reporting to students and advisors of some evaluation information in all subjects will be achieved." Yet if the objective of the proposed pass/fail changes is to ensure that evaluations are indeed made, there are several ways to achieve this goal without the destroying the positive aspects of freshman year pass/fail. As Professor Robert J. Hulsizer noted at last month's faculty meeting, "The faculty has failed in the primary form of evaluation. I think it is ridiculous to invent an internal grade sheet just because the faculty can not fill out the forms." The CEP could achieve its primary objective by requiring all instructors to complete evaluation forms, in the same way that it now ensures professors submit grades for upperclassmen. Freshmen could be encouraged to complete their part of the evaluation process by making completion of forms a requirement in each course, with some penalty levied upon those students who fail to comply.

Instead of concentrating its attention on redesigning the pass/fail system, the faculty and CEP should focus on one central problem of undergraduate life at the Institute: the inadequate advising system. The CEP should study the advising system currently used, and determine whether modifications are necessary to improve the quality of the educational experience for MIT undergraduates. The CEP should attempt to improve freshman advising at MIT without abandoning the faculty's commitment to pass/fail and without reverting to usage of an old-fashioned, arbitrary system of formalized freshman year grades. Rather than reducing the amount of information officially conveyed to freshmen to a single letter grade, the CEP should attempt to improve evaluation during the freshman year by encouraging thoughtful completion of substantive narrative evaluation forms and greater personal contact between students, instructors, and advisors. It goes without saying that the CEP should design a means to ensure that all faculty members and freshmen actually complete the forms.

The CEP has tried to contend that its proposal represents only a slight modification of current practice applied during the freshman year. It has failed to substantiate this claim. The current proposal would dictate, for the first time since pass/fail was adopted, that each faculty member submit a grade this spring for each freshman taking his course. This represents a significant departure from existing policy.

The CEP also contends that the newly compiled formal freshman grades will only be used for evaluation purposes by the student and his advisor, and will not be abused either inside or outside of MIT. Yet over the past year, the CEP has not demonstrated an ability to prevent misuse of freshman grades at MIT; it has approved the use of "hidden grades" by some departments to restrict enrollment in their upper level courses. If the pass/fail system is radically altered in the future, as the CEP proposes to do, only increase the possibility that pass/fail will be further abused in the future.

For 8,700 dollars a year, students deserve that the faculty pay serious attention to the educational consequences of its actions. The CEP has not produced any solid documentation that indicates a return to a more formalized grading system is warranted. Thus, faculty members should reject this ill-conceived CEP proposal. Students should demonstrate that they care about this issue and make an earnest attempt to attend the faculty meeting, open to all members of the MIT community, this Wednesday at 3:15 in 10-250.



## Editorials

### Shuttle project was mismanaged

A shuttle bus is a worthwhile addition that would benefit MIT and its students, especially once winter is underway. Unfortunately, the MIT Shuttle Bus Project has been a fiasco. Since it had fundamental problems, the decision to suspend service last Wednesday is not surprising: few students rode the bus, and the volume of ticket sales did not come close to paying for its operating costs.

The past month's unusually mild weather plagued the shuttle bus' organizers, since few students wanted to ride the bus. Nevertheless, the project's organizers cannot blame the weather, or other intangibles, for their failings; most of the blame for its failure rests with the organizers alone. The shuttle project was poorly managed and overly-ambitious. It lacked a well-advertised route and schedule. For several weeks empty buses shuttled around campus and across the bridge, racking up an impressive operating debt someone will have to pay. Although the project's organizers made improvements in the shuttle's operation, these changes were too few and came too late. The bus has left little behind except thousands of dollars of debt as a reminder of its short existence.

At its meeting tonight, The Undergraduate Association (UA) Finance Board will consider the future of the shuttle bus. The organizers of the MIT Shuttle Bus Project hope the Finance Board will agree once again to assume liability for the shuttle and thus allow it to continue operating. The Finance Board's first order of business will be to deal with the project's large debt — its first two weeks of operation cost nearly \$4000, and up to \$3500 in bus tickets may yet be refunded. The Finance Board should have overseen the Shuttle Bus Project's operation much more closely; in retrospect, the Finance Board's decision in September to approve the shuttle project has only resulted in additional debt piled upon an already strained UA budget. The mismanaged shuttle bus episode should teach student leaders some valuable lessons about the effort and organization needed to start such a large, experimental venture. Before another attempt is made at a campus shuttle, the organizers and the backers of the project will need to prepare careful plans for its operation and use.

### UAP's leadership determines GA's role

The General Assembly is, despite popular cynicism, an institution important to MIT's undergraduates: Its positions on issues ranging from the future of freshman pass/no credit grading to modifications in this year's academic calendar have influenced the faculty decision-making process. The General Assembly, as the representative body of MIT's undergraduate population, should play a decisive role in both the student community and broader Institute community. Yet only 16 of the over 100 members of the Undergraduate Association General Assembly attended Thursday's meeting: less than two-thirds of the 25 required to meet quorum and conduct business.

Undergraduate Association President Kenneth Segel '83 and Floor Leader Shiva Ayyadurai '84 must bear a strong measure of responsibility for the General Assembly's pathetic showing last week. With the catalyst provided by the Visiting Committee on Student Affairs discussions last week and as various members of the Office of the Dean for Student Affairs continue deliberations on alternative structures for student activities, it is vital that the GA demonstrate it is a viable component of student government at MIT. In the past, effective UAP's have found it important to mobilize the GA as a way of implementing positive change on campus. It is up to Segel, in tandem with Ayyadurai, to ensure that the GA fulfills its role as the primary body for articulating representative student views on important campus issues, and not to abandon this very important decision-making body.

Editorials, marked as such and printed in a distinctive format, represent the official opinion of *The Tech*. They are written by the Editorial Board, which consists of the chairman, editor-in-chief, managing editor, and news editors.

Columns are usually written by members of *The Tech* staff and represent the opinion of the author, and not necessarily that of the rest of the staff.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

*The Tech* attempts to publish all letters received, and will consider columns or stories. All submissions should be typed, triple spaced, on a 57-character line. Unsigned letters will not be printed, but authors' names will be withheld upon request.

## The Tech

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# Opinion

Column/David C. Lingelbach

## New era in architecture?

Recent articles in some of America's leading periodicals have suggested that a new era in urban architecture is upon us. With the completion of major design competitions in Houston, New York, Portland, Louisville, and Chicago, architects and architectural critics alike are assuring the public that the urban decay that has been variously attributed to Federal urban renewal programs, improperly designed and executed tax structures, and incoherent zoning regulations has ended. Mayors, corporate chairmen, city planning commissions, and local citizens and business leagues are being told by the doyens of the contemporary American architectural community that the worst excesses of the International Style ala American (the glass box, the reach to greater and greater heights as an end in and of itself) have been curbed by a heartfelt desire to create a more humane commercial and residential environment in major US urban centers and to execute the wishes of their clients.

It is hard to understand how America's architects can believe what they are saying. Not one of the major designs completed in the last six months (Helmut Jahn's 82-story Southwest Bancshares/Century Development Corporation office tower in Houston, the Phillip Johnson AT&T tower on Madison Avenue in Manhattan, Michael Graves's Humana building in Louisville and his municipal office structure in downtown Portland, Oregon) evidences any understanding of the fundamental flaws in American architectural thinking over the past fifty years.

Jahn's Houston creation hark-

ens more of the Third Reich than it does of laissez-faire Texas: the combination of side lighting, a vaguely neoclassical base and a black-and-white color scheme are reminiscent of some of Hitler's wilder speculations about post-war Berlin. Johnson's New York creation, while cognizant of the oppressiveness of yet another tall building in Manhattan, is really nothing more than a 1930s design streamlined, pitched up some 60 floors, and capped with the backboard of an 18th century English bed. Grave's conceptions of the modern urban structure are squat pastel constructions that have all the makings of a birthday cake decoration; the one successful (or, at least, interesting) use of this sort of style would be the Torre Velasca in Milan, Italy. These three architects and their designs are representative of the continuing American tradition of unimaginative and brutal punctuation of urban skylines.

Since architecture has such a fundamental influence on the ambience and, therefore, success of major urban areas, it is not fool-

ish to ask whether architects in the United States have demonstrated any originality or civic sensitivity in their work since the days of Frank Lloyd Wright. They have not; the school of thinking that has prevailed in this country since the 1920s has been almost totally derivative from the socialist Bauhaus movement in Weimar Germany and Le Corbusier's urban fascist idealism in France during the same time and later. Architectural geniuses like Wright, John Portman (creator of the spectacular Hyatt Regency hotels), Edward Durrell Stone, and Eero Saarinen (of Kresge Auditorium fame) have been systematically ostracized, ignored, and mocked by the holders of this faith, by gentlemen like Walter Gropius, Johnson, and I.M. Pei '40. As was the case in the fields of physics, history, and music, any sort of an attempt at creating a new tradition of Western architecture or speculating about the perfect city of man was stymied by the insistence on the part of American architectural stu-

(Please turn to page 8)

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# Harvard looks at sex policy

(Continued from page 6)  
 "admonishing" Walcott and stating he would be "reluctant" to invite Walcott back to join the faculty.

Members of the Faculty Council disagree on several issues considered to be critical in forming a policy. Unresolved questions on the policy include: how sharply to curtail the contact between students and faculty, how to deal with the publicity from the cases, and how much information students should be told about the investigation of their cases.

If a student is told explicit details about such an investigation,

he or she could then reveal the information to the press. "There's a tightrope to walk between the privacy of the individuals involved and full communications among all parties," said William T. Vetterling, Associate Professor of Physics and a member of the Council.

David Layzer, Professor of Astrophysics and a member of the Council, said Council members were very concerned about how the publicity might affect the future career of a professor. "I think everyone felt worried about branding an individual for all ti-

me."  
 In trying to develop a harassment policy, the Faculty Council met with three members of the Radcliffe Union of Students (RUS) last Thursday and requested the group provide a formal policy recommendation.

The Radcliffe Union, which represents the female undergraduates of Harvard University, lobbied extensively this term for concise guidelines on sexual harassment. It will offer its own policy recommendation to the Council's next meeting, November 24.

## notes

### Listings

Student activities, administrative offices, academic departments, and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

### Announcements

Since November 19 is Drop Date, the Registrar's Office would like to remind students that correction cards will not be accepted without all of the necessary signatures. You are urged to obtain all signatures well before deadlines to avoid having to petition the CAP for approval to make a late change. If your advisor is unavailable, contact your undergraduate office or department headquarters. Freshmen should go to the Undergraduate Academic Support Office, room 7-103.

The I. Austin Kelly III Competition in humanistic scholarship is now open. The award is two prizes of \$250.00 each for the best scholarly or critical papers in any of these fields: Literary Studies, History, Musicology, Anthropology, Archaeology. All

full-time MIT undergraduates are eligible, except previous winners. Papers must be at least 4000 words long (14 standard typed pages). Papers may be written expressly for the contest, or papers from classes may be submitted, either as they stand or in revised and expanded form. Students are encouraged to consult with faculty. The deadline is April 29.

### Lectures

"La mujer y la politica en Espana hoy," a lecture in Spanish by Lydia Falcon, Spanish feminist and author, will be given Tuesday, November 16, at 8pm in room 4-159. Open to the public. Sponsored by MIT Foreign Languages and Literatures. For more information, call x3-4771.

Joseph Eldridge, Director of Washington Office for Latin America, will lecture Tuesday, November 16, in Coolidge Hall, 1737 Cambridge St., Cambridge, Seminar room 2, Harvard University as part of the CLAIS-CHIA Latin America lunch seminar series. The lecture entitled "Activism for Human Rights in Reagan's Washington: Experience and Prospects", is sponsored by the Pan American Society of New England.

The Creative Writing Program and English Department of Boston University will present Sharon Olds, poet and author of *Satan Says* and the forthcoming *The Dean and the Living*, reading from her work on Wednesday, November 17, 5:30pm in room 315, George Sherman Union, Boston University. The reading is free and open to the public. For further information, call 353-2510.

Gustavo Colonel, Fellow at the Center of International Affairs, Harvard University will present an analysis of the economic and political situation of Venezuela from the Presidency of Carlos Andres Perez to the present Wednesday, November 17, 6pm. Emphasis will be placed on the petroleum issue and interaction with the rest of the country. Also, a brief comparison of the Venezuela experience will be made with regard to other Latin American countries, e.g. Mexico. An informal reception will follow serving Mexican coffee. Donation: Members \$2.00; non-Members \$3.00; Students w/ID \$1.00. The lecture is sponsored by the Pan American Society of New England.

"Is Corporate Flight Destroying America?" Professors Barry Bluestone and Bennett Harrison, co-authors of *The Deindustrialization of America*, speak at Cambridge Forum, 3 Church Street, Harvard Square Wednesday, November 17, 8pm. Free.

Tony Smith, Tufts University professor of Political Science, author of *The Pattern of Imperialism: The U.S., Great Britain and the Late Industrializing World Since 1815*, will speak Wednesday, November 17, 12:00pm - 1:00pm, at the Rotunda at World Affairs Council headquarters, 22 Batterymarch St. Boston. For information call the World Affairs Council office, 482-1740.

Attorney Carol Kimball will lecture on the Legal Aspects of Separation and Divorce Monday, November 22, 8pm at the Riverside Family Counseling Center, 368 Washington Street.

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## Fast For A World Harvest

Information Booth — Lobby 10, Mon—Fri

Meal Plan Users — Sign up in dining rooms Monday & Tuesday

Ecumenical Service — Wednesday, Nov. 17 5:10pm, MIT Chapel, Dean Robert M. Randolph preaching. Third World supper & discussion of world hunger with Martin Diskin — 312 Memorial Drive.

Lecture — "Then Politics of Hunger" with Julie Hodson and Rusty Davenport Rm 4-149 7:00pm Monday, Nov. 15.

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## ATTENTION JUNIORS AND SENIORS:

Class rings will be sold in Lobby 10 on November 17 and 18 from 11am to 3pm.

If the cost is a problem for you, ask about the payment plan.

# Off the Beaten Groove

# arts

## Steve Reich master of minimalism

In the mid 1960's, budding composer Steve Reich began monkeying with tape loops and prerecorded voices. In an attempt to perfectly synchronize two tape machines with identical looped material, he learned that minute differences in recorder construction caused the voices to gradually fall out of synch with each other. The resulting phase lag created a whole new array of sounds not normally perceived in human speech. The first of these pieces, *It's Gonna Rain*, was regarded as a landmark in the then fledgling school of minimalist composition.



Reich explained: "I was making music with words... Eventually you cannot believe that these sounds are being made by words. The voice is extremely complicated because it mixes pitch and noise at the same time. But I got disenchanted working with tape, I felt like a mad scientist. I started to transfer this process to composed music with traditional instruments."

Reich's fascination with phase shifts became the basis for many of his pieces for the six years following his initial discoveries. This technique, merged with his studies of African drumming, produced a wealth of new (and rather avant garde) compositions. He stripped music down to the bare bones, concentrating solely on the simplest of rhythms for *Clapping Music* (scored for two persons clapping); and then reversed the process by creating more complex pieces such as *Four Organs* (a phase piece that consisted of a six-note chord played against itself in various rhythmic configurations).

1971 saw the completion of *Drumming* — the culmination of his phase period,

and perhaps his best-known work. The piece begins with a single beat played in a 12 beat cycle with silence on all the other beats. Gradually, one at a time, other beats are substituted for rests until the basic rhythmic pattern is constructed, which is maintained throughout the piece's hour and a half duration. Once the pattern is constructed by two drummers in unison, one of them gradually increases his tempo until he is one beat out of phase with the other player. The initial two drummers hold this new pattern while other musicians play the rhythmic patterns they hear generated by the phase lag, repeating these perceived patterns on marimba, glockenspiel, piccolo, whistling, or voice.

As well as being the end of his phase period, *Drumming* is the first Reich piece to incorporate tuned percussion instruments (a practice he has maintained to the present). He next turned his attention to explorations of interlocking rhythmic patterns played over long, sustained notes. The first of these pieces was *Six Pianos*, originally written to be played on all of the instruments in a piano store. *Music for Mallet Instruments, Voices, and Organ* introduced another important device in Reich's music, the use of human voice to determine phrase length — a phrase would last as long as a person could comfortably sing it. The combination of all new techniques (tuned percussion, interlocking rhythms, and human voices) laid the groundwork for the second period of Reich's composing.

*Music for 18 Musicians* is based on the superposition of two times — a rhythmic pulse played over the rhythm of the human breath in voices and wind instruments. The work consists of a cycle of eleven chords, each chord acting as the base for a short five minute piece-within-a-piece. When the mini-piece is completed the pulse shifts to the next chord, over which the next piece is constructed.

*18 Musicians* is probably the most representative of Reich's work; it also serves to define what is meant by minimalist music. The pulsing percussion creates a shimmering curtain of sound sustained by long, low notes from bass clarinets and cellos. Out of this curtain emerge short, attention-grabbing rhythms and melodies which provide a second level of music to concentrate on. Rather than bore the listener with its repetitions, the piece remains interesting due to its structural rigor.



*Drumming*, performed by Steve Reich and Musicians.

This new work went long way in establishing Reich's reputation as a serious composer, but it also made him a figurehead for a growing number of popular musicians. Following in the wake of the stripped-down approach of punk, new wavers like Brian Eno and David Byrne embraced Reich's music and incorporated his ideas into their own work. David Bowie's *Low* is full of Reichian percussion pulses and vocal drones, and David Byrne's *The Catherine Wheel* is obviously influenced by *18 Musicians*.

Reich continued to explore, adding wind and string instruments to his tonal palette. *Music for a Large Ensemble* is a logical (albeit slightly disappointing) extension of *18 Musicians*, while *Octet* scales the ideas down to chamber music proportions. (*Octet* has the distinction of being the most contemporary piece ever performed by the MIT Symphony.) *Variations for Winds, Strings and Keyboards* eschews percussion entirely — the only Reich piece to do so — consequently, it seems incomplete.

Steve Reich has now entered into a third compositional phase, spurred by his studies in the cantillation of Hebrew scriptures. *Tehillim* is his first true vocal work, with a text taken from the Psalms. It is also a major compositional break in that it is a vocal work with a traditional four-movement structure; it does not utilize repetition, relying instead on close four-part canonic writing; and, most startling of all, it is very melodic. Beginning with simple handclaps, *Tehillim* builds throughout its four movements, amassing vocal and in-

strumental forces until it explodes in a recapitulation of all its themes, closing with a joyous, almost Handelian, blaze of hallelujahs. This is clearly minimalist music at its most mature, a fusion of new and old Western musical traditions into a unique artform.

Reich has brought his music to concert halls all over the world. He opened the prestigious Next Wave festival at the Brooklyn Academy of Music, where he gave the world premiere of his newest work, *Vermont Counterpoint*. He appeared in Boston just last week, opening the new season for Harvard University's Fromm Music Foundation and giving the Boston premiere of *Tehillim*. Future plans for Reich include commissions from the Saint Louis and San Francisco Symphonies, and the release of more of his works as recordings.

Newcomers to Reich's music need not wait for his next rare concert appearance, however. They can start with the excellent recordings of *Music for 18 Musicians* or *Music for a Large Ensemble* or the recently released *Tehillim* — all of which are on ECM Records. The brave and the converts should try *Drumming* on Deutsche Gramophon or *It's Gonna Rain* on Columbia Masterworks. Whichever you chose will be a unique experience and a necessary contact with the newest development in art music. It may seem unpleasant at first, but persevere — remember, at one time they didn't like Stravinsky, either.

David Shaw

## What are Wild Things for?

*Wild Things Run Fast*, Joni Mitchell on Geffen Records.

Every Joni Mitchell album seems suited to a particular purpose: *Ladies of the Canyon* is for folk-coffeehouse ambience, *Court and Spark* for mornings-after, *Hejira* for existential despair, *Don Juan's Reckless Daughter* for burning out woofers, and *Mingus* for starting fights among Joni Mitchell fans.

It's not yet clear just what *Wild Things Run Fast* will prove to be good for, but the album certainly opens promisingly enough, with "Chinese Cafe/Unchained Melody", a meditation contrasting Mitchell's life with that of a childhood friend. This is ennui of the "Paprika Plains"/"Song for Sharon"/"In France They Kiss on Main Street" category, but this time from the perspective of middle age — the now-familiar motifs of '50s jukeboxes and exploitation of Indian land are tempered by a more mature acceptance of the inevitability of the passage of time.

Following rather too abruptly is the title cut, a raucous top-fortyish song with allusions all over the place, including one to the Troggs ("Wild thing/I thought you loved me"). "Ladies' Man" and "Moon at the Window" are unremarkable, poetic bluesy numbers, and the first side closes with "Solid Love", which lacks both profound lyrics and any real message and could easily be mistaken for a radio jingle of some sort.

Several fun cuts are on the second side, among them the Buddy Holly cover "(You're So Square) Baby, I Don't Care", on which Mike Landau's grungy guitar

work is redeemed by some excellent sax playing by Larry Williams on tenor and Kim Hotchcroft on baritone. "Man to Man", a "Hejira"-like song about inability to settle down in any one relationship, marks the return of James Taylor on backing vocals. Fans of cryptic lyrics should probably love "You Dream Flat Tires", which contains the following gem:

Why do you dream flat tires  
When you dream flat tires?  
You dream flat tires...

Kidding aside, this is a good, hard-rocking number and transcends Landau's guitar again (this time it drones irritatingly). Mitchell quite un-self-consciously closes the album with "Love", a not-too-free adaptation of Chapter 13 of *1 Corinthians* (and not *2 Corinthians*, as the album cover says):

Although I speak  
In tongues of men and angels  
I'm just sounding brass  
And tinkling cymbals without love —  
Love suffers long —  
Love is kind!  
Enduring all things —  
Hoping all things —  
Love has no evil in mind.

This disc represents a return to the sort of music Mitchell abandoned after *Hejira*. It is beautifully illustrated by a number of her paintings, especially attractive being one of two horses in pastel blues, greens, and oranges. Perhaps what this album is good for is convincing those who didn't like Mitchell's last two that there is still hope...

V. Michael Dove



# opinion

## Failure of nerve?

(Continued from page 5)

dents that their European counterparts were so much more profound than they could ever possibly be.

There has been a failure of nerve in many areas of American public affairs, but few are as breathtakingly pernicious as that which has occurred in our urban landscapes. The debate, to the extent that there is one within architectural schools and firms, has centered about the desirability of a horizontal, as opposed to a vertical, city landscape. Few thinkers (Lewis Mumford is one notable exception) have been able to justify in aesthetic terms the sort of environment that would be created by low-level buildings, although this is precisely the style that found so much favor in the civilized metropolises of the past (London, Paris, Rome, Peking, et al.).

There is yet the possibility of creating imaginative individual

works of vertical urban architecture; the IDS Center in Minneapolis, the Renaissance Center in Detroit, and the Trump Tower in Manhattan are all examples of our latent originality. It is likely that for such buildings to be successful, they will have to take on a more delicate and splinter-like shape than has been the case in the past. But these achievements are likely to be to no avail, if there is no movement made to improve the eye-level conditions of the urban resident (tax rates, infrastructure, zoning restrictions or the lack thereof, and unemployment). But we can be certain that, given no attempt to break out unfruitful and brutal intellectual practices, those who must live among the architectural debris of the past will be condemned to repeat it.

## Lopez disputes quote

To the Editor:

I was surprised and disappointed by the words placed in my mouth by Burt Kaliski. Contrary to the article concerning the General Assembly (GA) quorum, I did not say that I "wanted to shut down the GA because they shut down the shuttle." Having worked as a GA Floor leader for a term, I know the importance of this group. The article continued by stating that Ken Segel denied my statement. Of course he did, he knew I didn't say it. If your reporter had read the GA agenda or at least corroborated the statement with me you would have been able to print the truth.

Your coverage of student activities and the Shuttle Project in particular has been dismal. As you must know, the students involved in activities try as hard as they are able. The Shuttle was a

bold experiment to show that students could provide services for themselves. Your negative coverage has not helped the effort. I hope your view toward student activities becomes more positive in the future.

I ask that you print a retraction and apologize for your misrepresentation and ask that you corroborate quotations with the person being quoted.

Michael Lopez '83

*Editor's note: The Tech stands by the quote and the story. Ken Segel did not deny that Lopez made such a statement; he denied the validity of Lopez's charge.*

## Menand misquoted

To the Editor:

In the otherwise interesting report in *The Tech* of November 12, on my November 9th LSC lecture on the 1982 elections a mistake was made which makes me blush. My comment that the 1982 election was a "last gasp" was directed solely to the Massachusetts Republican party. To my practiced eye the Republican party outside Massachusetts and nationally is very much alive and kicking.

Louis Menand III

*Editor's note: The Tech apologizes for our error. We regret any misunderstanding our mistake may have caused.*

### PLEASE JOIN US —

*Wednesday, November 17, 5 to 7, Bush Room,* when MIT undergraduates will speak on their experiences with the Junior Year Abroad Program in Great Britain — please sign up for this supper session in Room 5-106

*Thursday, November 18, 1 to 2, Room 3-133,* when MIT participants will discuss the opportunities for paid, technical summer employment with the International Association for the Exchange of Students for Technical Experience — application deadline, December 15

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# sports

Martin Dickau

## Blazing guns on Briggs Field

Many dormitory residents, particularly those from the wasteland beyond the tennis bubble, have had many occasions to notice that rainwater tends to collect on the fields used for intramural games. Those same people have probably also observed that a variety of water fowl tend to frequent the area.

As a resident of MacGregor House, I, too, have witnessed this phenomenon. I was quite amazed, however, when I came across four students trying to set up some kind of frame at the edge of the water. When I queried the builders as to the nature of their endeavor, assuming someone teaching one of the many engineering courses on campus had conceived of a new project, I was stunned to learn that the four were erecting a duck blind.

I was informed by the group's leader, Ima Hunter '83, that MIT has a new intercollegiate sporting team — the varsity duck hunting team. "That's right," Hunter continued, "Practices are being held out here on Briggs Pond every day at 9am."

Anyone is welcome to join the team, as no prior experience with shotguns is required. Explains Hunter, "We don't worry too much about stray shots hitting people. Even the freshmen have learned to punt their nine o'clock classes by now."

The shooters also are not yet plagued by a diminishing supply of targets. According to team captain Buck Shot '84, "If we run out of ducks, we let the beginners go for the sea gulls, and we have the more advanced people try to get the pigeons, which are harder to hit because of their size."

The team's practice sessions also have a benefit for the rest of the MIT community. Manager Weldon Flyer '84 notes, "The people from the Dining Service are more than happy to come out after we're done and collect the carcasses. They told us something

about adding meat to someone's diet."

Reliable sources, however, report that the squad may be short-lived. It seems that, although no people have been injured yet, a housemaster couple is missing

their canary which escaped through an open door. While Campus Police are still working on the case, several witnesses reported seeing yellow feathers floating on one of the puddles after practice.

## Men's xcountry in finals

(Continued from page 12)

The Engineers finished behind Brandeis, Colby, and Bates. The squad's final score of 170 points, however, put the runners ahead of the teams from Southeastern Massachusetts (182), Williams (190), Middlebury (232), Fitchburg State (236), Coast Guard (238), and Westfield State (291).

At last year's championships, the harriers captured thirteenth place, running through four inches of Wisconsin snow to do so. Both Walmsley and Neves participated in that contest. Engineer coach Halston Taylor hopes to improve on that finish, as the team's workouts have been geared towards peaking for this race.

## Vball in NCAA, EAIW

(Continued from page 12)

Athletics, the Engineers were originally going to turn down the EAIW bid because of the conflict. Albany, however, proposed the schedule change to allow par-

ticipation in both tournaments. This will be the first time MIT has ever hosted an NCAA national championship game. The contest will be held in Dupont at 7:30pm.

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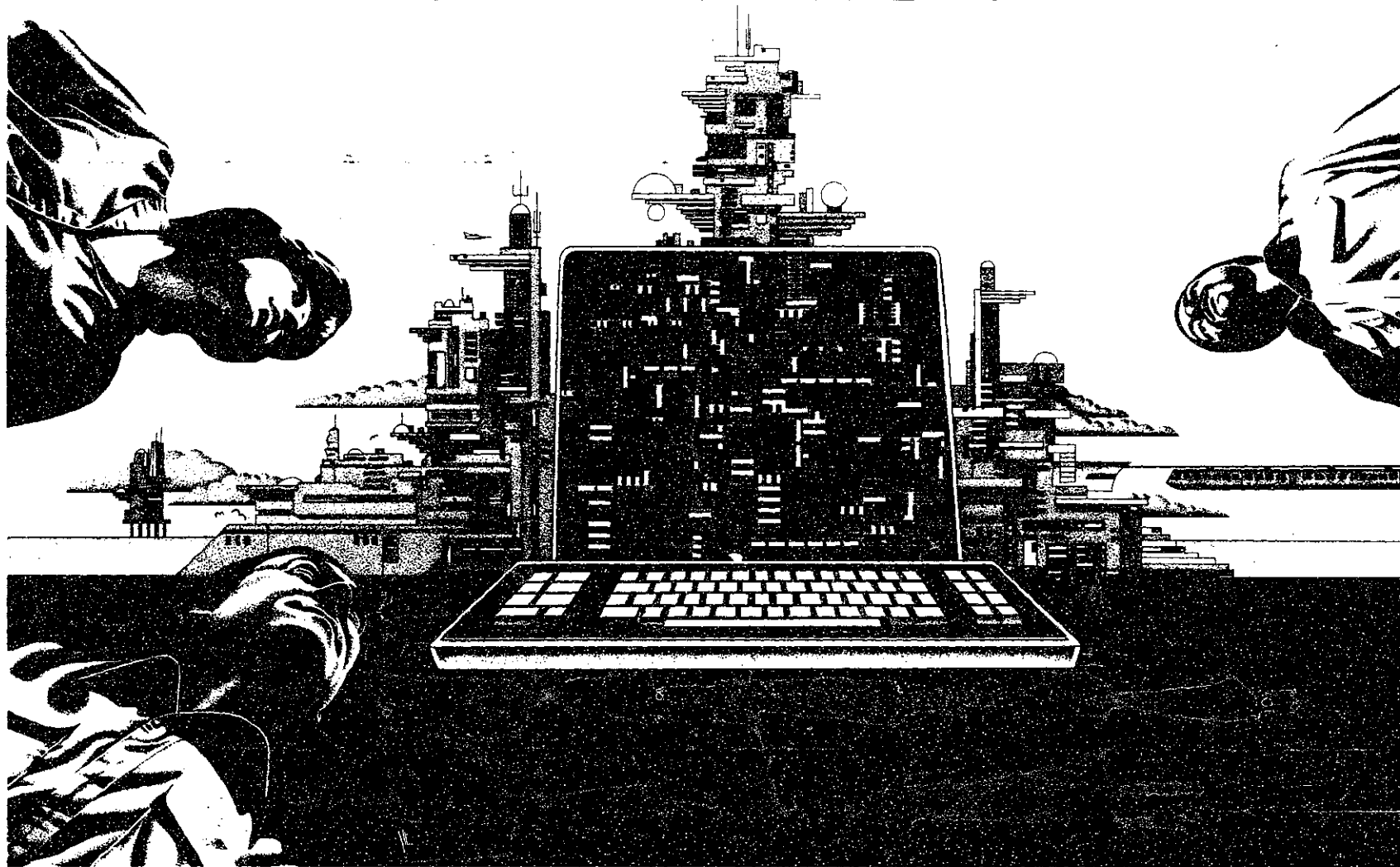
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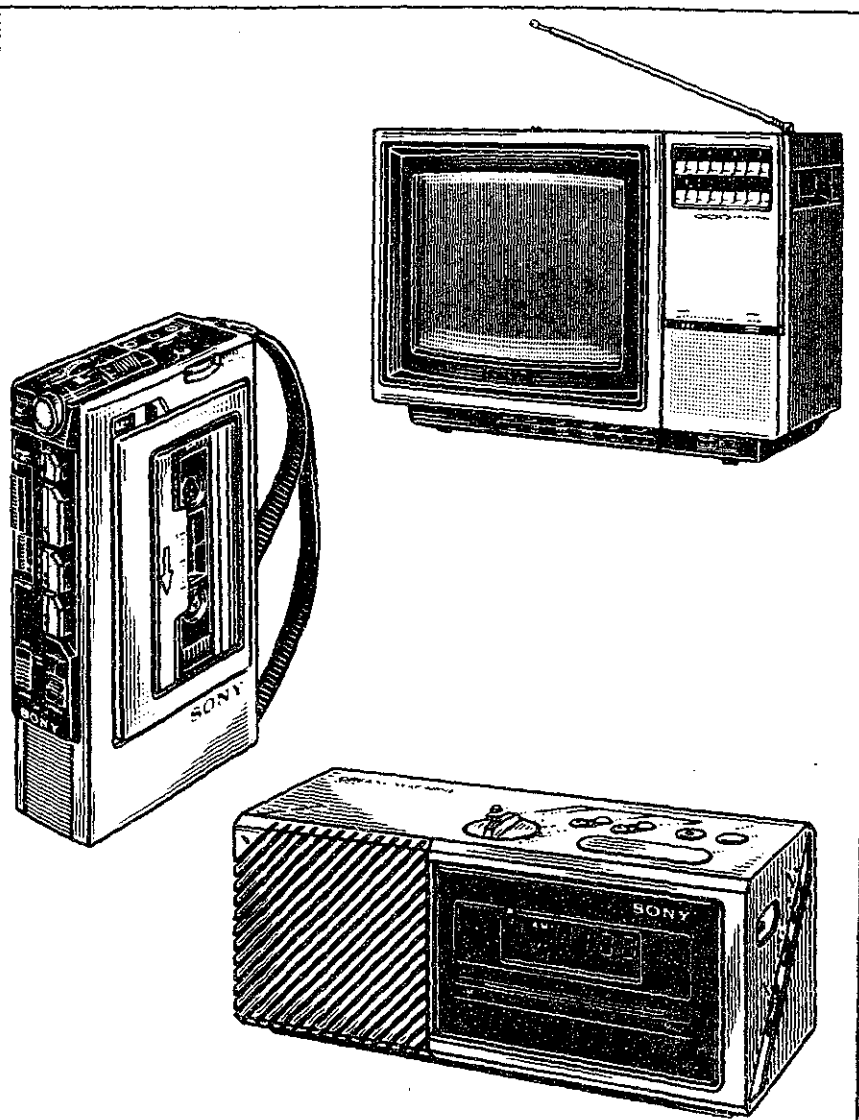
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# MONEY-MAKING OPPORTUNITY

**THE TECH** is looking for a student with a car (large sedan or station wagon preferable) or van to distribute the paper on campus, starting in early December. The position pays well, and the time commitment is approximately 7-9am every Tuesday and Friday (Wednesdays over IAP).

Interested persons should call Mike Bove at x3-1541.

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**SONY 12" TRINITRON COLOR TV**  
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 Economy that makes it a perfect second color set; 14-pushbutton Express Tuning.

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## American Greetings



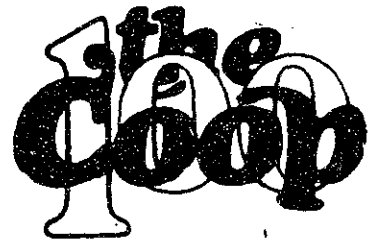
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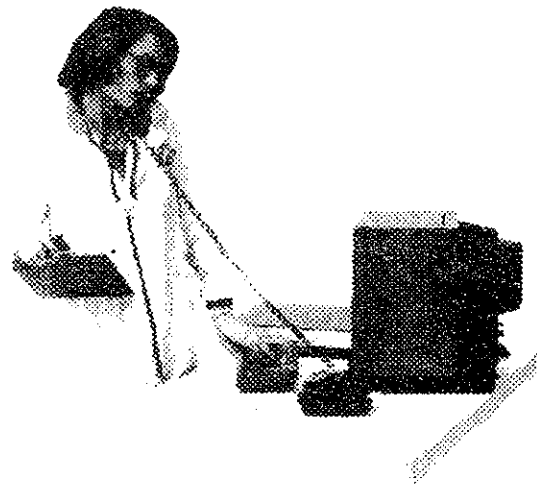
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# comics

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# "HOW TO START YOUR OWN COMPANY"

The Pros & Cons, Rewards & Drawbacks  
A Seminar by Two Alumni

TUESDAY, Nov. 16  
Mezzanine Lounge

7:00  
Student Center

Sponsored by SWE  
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# sports

## Two teams capture NCAA bids

### Volleyball to participate in two tournaments

By Martin Dickau

The women's volleyball team will host Albany State Friday night in the opening round of the NCAA Division III championships, then travel to Rhode Island College to compete in the Eastern Association of Intercollegiate Athletics for Women (EAIAW) Northeast Division III championships Saturday.

The Engineers, seeded 16th of 24 by the NCAA Selections Committee, have not participated in a national tournament since the 1976 AIAW championships in Malibu, Calif.

MIT, with a 27-4 record, has the best winning percentage of any Division III team in New England. Two of the losses, however, were against Eastern Connecticut, seeded eighth in the NCAA tournament, and 12th-

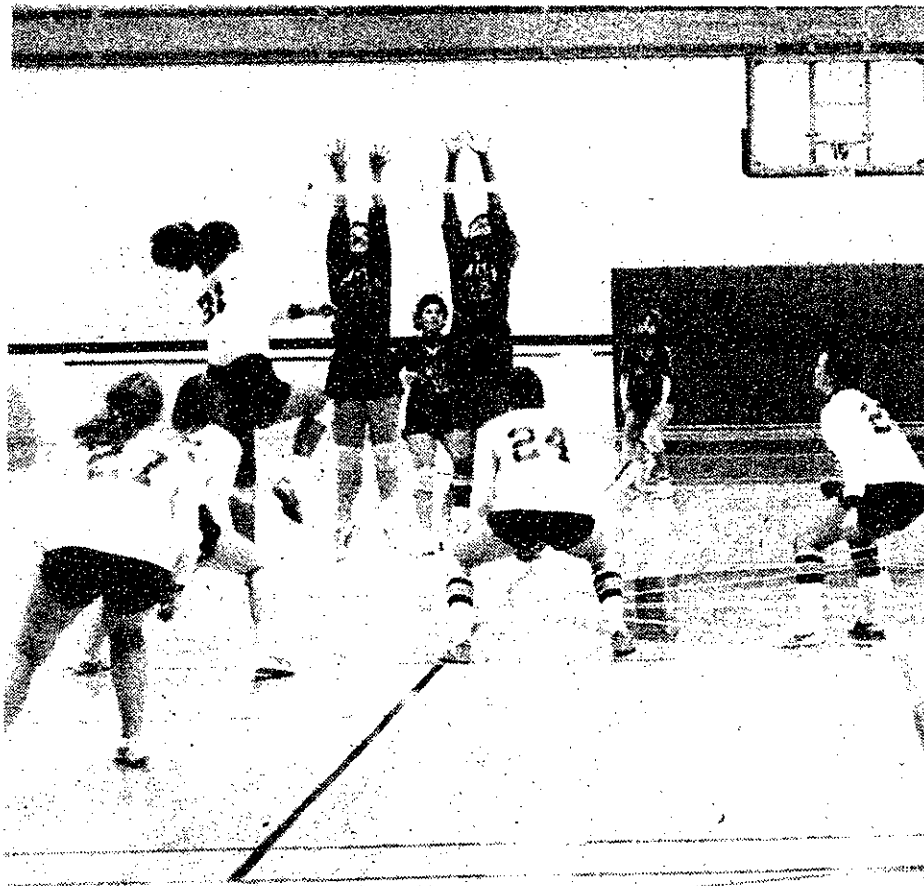
seeded Mount Holyoke. Albany is seeded 14th.

The winner of the match will go on to face fifth-seeded Western Maryland December 4 at a site to be announced.

Ironically, MIT is seeded third of eight in the EAIAW championships, while Albany State is fourth. EConn is seeded second, and Rhode Island College, which did not even receive an NCAA bid, is seeded first.

The teams in the EAIAW tournament will be placed into two groups of four. The groups will play round-robin, with the winners of each pool meeting in the final.

MIT and Albany State were originally scheduled to play at Albany State on Saturday. According to Jane Betts, MIT's Director of Women's Intercollegiate (Please turn to page 9)



Tech photo by Robert Maichman  
The women's volleyball team, shown here against Smith, will host the NCAA Division III Championships this Friday.

### Harriers get 4th straight NCAA bid

By Martin Dickau

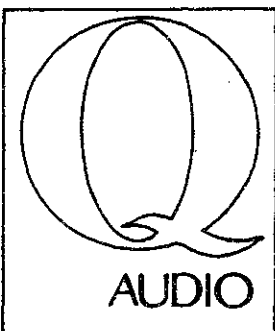
The men's cross country team finished fourth overall and second among teams eligible for the national championships in the weekend's NCAA Division III Qualifier at Franklin Park, guaranteeing the squad a berth in the finals to be held this Saturday at Fredonia, New York. This is the fourth consecutive year the Engineers have advanced to the championships.

MIT was led by Bob Walmsley '84, who came in fourth overall with a time of 24:57. Team captain Paul Neves '83 also put in a strong showing with a time of 25:20, good enough for thirteenth (Please turn to page 9)

## HEAR NO EVIL.

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## UA NEWS

### CPR: A Way of Life for Some . . .

Yes, those incorrigible APO service jocks are at it again. Join them for the first annual (You've got to have heart) CPR orgy. A course in basic CPR will be offered on November 20 and 21 and there will be an instructor's course on the 20th. Call x3-3788 for more information.

### Meanwhile, back at the ranch . . .

SCEP will be holding its biannual **Course Evaluation Guide** slave labor session from 1-5 pm in 7-106. Everyone is welcome.

### GA Meeting to Discuss Brezhnev's Successor

Not really. Actually, we do have a number of important elections and such to take care of. Houses which do not send reps will be severely dealt with. The meeting will be in 4-163 at 7:30pm on Thursday.

### Secret Agents Needed

If you would like to take part in a hack on an unnamed college up the road, please call the UA office and leave a message for Ken.

### Take the Freshman Challenge

Even though Freshman Cola tastes terrible, the '86 Council is planning a mass snowball fight in the Great Court whenever there is sufficient snow. Come stomp the freshmen!

### UA News Boring; Thousands Homeless

Send us your items, your tired copy yearning to be free. The huddled masses of news will be reviewed by our crack journalists and published in Tuesday's **The Tech**. Send your wretched news to UA News, W20-401. Applications are also being taken for the position of UA news editor for next term.

(Paid Advertisement)

Hats Off To Students!  
**College Night!**  
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